

516–558 MHz



Zusatzinformation für Sennheiser Systeme der Serie evolution wireless G3

Für die Übertragung steht im UHF-Band ein 42 MHz breiter Frequenzbereich mit 1680 möglichen Sende-/Empfangsfrequenzen zur Verfügung.

Die Sender und Empfänger verfügen über jeweils 20 Kanalbänke, auf denen werkseitig eine Frequenz voreingestellt ist. Innerhalb einer Kanalbank sind die Frequenz-Presets untereinander intermodulationsfrei. Sie sind nicht veränderbar.

In den Kanalbänken „U“ (ew 100: Bank „U“, ew 300/ew 500: Bank „U1“–„U6“) können Sie in 25-kHz-Schritten Frequenzen frei einstellen und abspeichern. Diese sind unter Umständen **nicht** intermodulationsfrei.

Die Frequenz-Presets in den Kanalbänken „1“ bis „20“ sind in der folgenden Tabelle dargestellt:

- ew 100 G3 Serie: die ersten 12 Kanäle je Kanalbank
- ew 300 G3 Serie: die ersten 24 Kanäle je Kanalbank
- ew 500 G3 Serie: max. 32 Kanäle je Kanalbank

Folgende Werkseinstellungen sind mit dem Menüpunkt **Reset** jederzeit wieder abrufbar:

Auto Lock	inaktiv
Sensitivity	SK –30 dB SKM –18 dB
RF Power	standard (ew 300, ew 500)
Mute Mode	AF On/Off (SK: alle, SKM: 300)
Squelch	low/5 dBµV
AF Out	EM +18 dB EK 0 dB
Equalizer	flat
Guitar Tuner	inaktiv (ew 100, ew 500)
Name	Name der Serie
Pilot Tone	wird mit Reset nicht zurückgesetzt
User Bänke	werden mit Reset nicht zurückgesetzt
Sync Settings	inaktiv (ew 300, ew 500)
Warnings	aktiv (ew 300, ew 500)
IP Address	auto-IP (ew 300, ew 500)

Additional information for Sennheiser evolution wireless G3 systems

Transmitters and receivers are available in a 42 MHz UHF frequency range with a total of 1,680 transmission/receiving frequencies.

Transmitters and receivers have 20 frequency banks respectively. Each of the channels in the frequency banks has been factory-preset to a frequency. The frequency presets within one frequency bank are intermodulation-free. These frequencies cannot be changed.

The frequency banks “U” (ew 100: bank “U”, ew 300/ew 500: banks “U1”–“U6“) allow the user to store individual frequencies which are freely selectable in 25-kHz steps. It might be that these frequencies are **not** intermodulation-free.

The following table lists the frequency presets in the frequency banks “1” to “20“:

- ew 100 G3 series: the first 12 channels in a frequency bank
- ew 300 G3 series: the first 24 channels in a frequency bank
- ew 500 G3 series: max. 32 channels in a frequency bank

The following factory-preset default settings can be recalled any time via the **Reset** menu item:

Auto Lock	inactive
Sensitivity	SK –30 dB SKM –18 dB
RF Power	standard (ew 300, ew 500)
Mute Mode	AF On/Off (SK: all, SKM: 300)
Squelch	low/5 dBµV
AF Out	EM +18 dB EK 0 dB
Equalizer	flat
Guitar Tuner	inactive (ew 100, ew 500)
Name	name of the series
Pilot Tone	will not be reset
User banks “U”	will not be reset
Sync Settings	inactive (ew 300, ew 500)
Warnings	active (ew 300, ew 500)
IP Address	auto-IP (ew 300, ew 500)

Frequenzbereich / Frequency Range / Bande de fréquence / Rango de frecuencia **A****516–558 MHz**

US TV-channel

Ch. 21 (512–518 MHz)
 Ch. 22 (518–524 MHz)
 Ch. 23 (524–530 MHz)
 Ch. 24 (530–536 MHz)

Ch. 25 (536–542 MHz)
 Ch. 26 (542–548 MHz)
 Ch. 27 (548–554 MHz)
 Ch. 28 (554–560 MHz)

EBU TV-channel

Ch. 26 (510–518 MHz)
 Ch. 27 (518–526 MHz)
 Ch. 28 (526–534 MHz)

Ch. 29 (534–542 MHz)
 Ch. 30 (542–550 MHz)
 Ch. 31 (550–558 MHz)

Channel	Bank 1	Bank 2	Bank 3	Bank 4	Bank 5	Bank 6	Bank 7	Bank 8	Bank 9	Bank 10
1	518,200	524,250	530,100	536,350	542,900	548,850	554,100	518,125	516,000	516,000
2	518,700	524,800	530,800	537,700	543,600	549,800	554,550	518,500	516,875	516,400
3	519,650	525,550	531,650	538,650	544,450	550,250	555,200	519,000	517,500	517,000
4	520,450	526,550	532,050	539,300	545,050	551,100	555,700	519,625	520,175	517,800
5	520,900	527,700	533,050	540,100	545,450	551,500	556,450	520,375	522,625	519,000
6	521,600	528,100	533,550	540,700	546,200	552,150	557,050	521,375	524,800	520,600
7	522,000	529,050	534,850	541,100	546,750	552,950	557,450	523,375	529,625	522,800
8	522,900	529,500	535,750	541,800	547,700	553,500	558,000	525,875	530,825	526,000
9	528,800	516,950	517,300	518,900	516,900	524,050	516,300	534,125	540,525	528,400
10	535,100	535,250	523,300	519,800	524,750	533,500	524,750	535,375	553,625	533,200
11	552,350	536,750	547,200	550,100	551,250	537,700	533,550	537,500	516,375	537,200
12	531,600	554,900	551,050	555,050	553,200	556,900	538,250	540,125	518,425	541,600
13	539,900	519,200	520,150	516,150	518,100	518,950	517,200	541,750	520,975	549,000
14	540,500	540,400	520,800	516,900	521,900	522,300	526,800	521,000	521,525	552,400
15	542,900	541,850	521,250	524,600	522,800	523,450	529,550	522,125	523,350	519,475
16	543,950	542,650	521,850	525,500	523,850	527,250	532,700	522,500	526,375	521,300
17	546,050	545,150	523,900	526,550	528,450	528,400	538,950	524,125	531,400	523,850
18	546,600	546,050	525,000	545,300	528,950	529,000	544,800	524,500	532,250	527,625
19	550,850	547,250	553,150	546,500	531,900	532,600	547,200	525,125	533,975	530,150
20	552,950	548,150	555,700	549,350	553,650	534,100	550,350	534,500	534,725	531,175
21	553,700	550,400	556,900	556,250	555,000	538,300	530,250	535,000	536,200	539,950
22	556,100	557,900	557,550	520,550	519,500	545,100	531,350	536,125	543,875	544,975
23	524,750	527,000	528,900	523,100	521,300	521,350	534,900	536,750	545,050	547,675
24	529,500	519,650	539,250	531,800	525,500	529,750	537,750	537,875	533,375	
25	533,900	521,100	541,900	535,850	527,750	531,850	542,550	538,750		
26	543,350	530,250	549,250	551,600	533,300	539,500	549,350	539,125		
27	545,150	534,500	550,050	552,500	540,600	543,400		539,750		
28	547,550	546,750	550,450	553,250	555,900	544,500		540,625		
29	548,900	551,450	557,950			557,400		541,000		
30		552,200								
31										
32	518,200	524,250	530,100	536,350	542,900	548,850	554,100	518,125	516,000	516,000
Bemerkung	USA TV-Kanal 22 und andere	USA TV-Kanal 23 und andere	USA TV-Kanal 24 und andere	USA TV-Kanal 25 und andere	USA TV-Kanal 26 und andere	USA TV-Kanal 27 und andere	USA TV-Kanal 28 und andere	Belgien Kanäle 27 und 29	kompletter Arbeitsbereich (1)	kompletter Arbeitsbereich (2)
Note	US TV-Ch. 22 + more	US TV-Ch. 23 + more	US TV-Ch. 24 + more	US TV-Ch. 25 + more	US TV-Ch. 26 + more	US TV-Ch. 27 + more	US TV-Ch. 28 + more	Belgium Ch. 27 & 29	Full range (1)	Full range (2)
Remarque	Etats-Unis canal TV 22 et autres	Etats-Unis canal TV 23 et autres	Etats-Unis canal TV 24 et autres	Etats-Unis canal TV 25 et autres	Etats-Unis canal TV 26 et autres	Etats-Unis canal TV 27 et autres	Etats-Unis canal TV 28 et autres	Belgique canaux 27 et 29	Pleine bande (1)	Pleine bande (2)
Nota	EE.UU. Canal TV 22 y otros	EE.UU. Canal TV 23 y otros	EE.UU. Canal TV 24 y otros	EE.UU. Canal TV 25 y otros	EE.UU. Canal TV 26 y otros	EE.UU. Canal TV 27 y otros	EE.UU. Canal TV 28 y otros	Bélgica Canales 27 y 29	Rango de trabajo completo (1)	Rango de trabajo completo (2)

Channel	Bank 11	Bank 12	Bank 13	Bank 14	Bank 15	Bank 16	Bank 17	Bank 18	Bank 19	Bank 20	Bank U* Bank U1–U6**	
ew 100	1	516,100	516,200	516,000	516,150	516,275	516,375	516,100	516,000	518,100	517,500	
ew 300	2	516,500	516,600	516,400	516,550	516,675	516,775	516,975	516,400	518,475	517,875	
ew 500	3	517,100	517,200	516,900	517,050	517,175	517,275	517,600	517,000	518,975	518,375	
	4	517,900	518,000	517,500	517,650	517,775	517,875	520,275	517,800	519,600	519,000	
	5	519,100	519,200	517,950	518,100	518,225	518,325	522,725	519,000	520,350	519,750	
	6	520,700	520,800	518,500	518,650	518,775	518,875	524,900	520,600	521,350	520,750	
	7	522,900	523,000	519,150	519,300	519,425	519,525	529,725	522,800	522,975	522,375	
	8	526,100	526,200	520,500	520,650	520,775	520,875	530,925	526,000	524,975	524,375	
	9	528,500	528,600	521,200	521,350	521,475	521,575	540,625	528,400	527,100	526,500	
	10	533,300	533,400	522,650	522,800	522,925	523,025	553,725	533,200	530,100	529,500	
	11	537,300	537,400	523,400	523,550	523,675	523,775	516,475	537,200	531,350	530,750	
▼	12	541,700	541,800	525,100	525,250	525,375	525,475	518,525	541,600	534,475	533,875	
	13	549,100	549,200	526,500	526,650	526,775	526,875	521,075	549,000	537,975	537,375	
	14	519,575	557,800	529,100	529,250	529,375	529,475	521,625	552,400	542,725	540,125	
	15	521,400	519,675	530,900	531,050	531,175	531,275	523,450	519,475	548,350	548,125	
	16	523,950	521,500	532,050	532,200	532,325	532,425	526,475	521,300	553,350	552,000	
	17	527,725	524,050	533,950	534,100	534,225	534,325	531,500	523,850	521,850	521,875	
	18	530,250	527,825	538,600	538,750	538,875	538,975	532,350	527,625	522,475	523,750	
	19	531,275	530,350	543,150	543,300	543,425	543,525	534,075	530,150	523,850	525,500	
	20	540,050	531,375	543,950	544,100	544,225	544,325	534,825	531,175	524,350	527,000	
	21	545,075	540,150	547,900	548,050	548,175	548,275	536,300	539,950	527,725	527,375	
	22	547,775	545,175					543,975	544,975	528,975	528,375	
	23		547,875					545,150	547,675	529,475	528,750	
▼	24							533,475	541,975	532,225	531,375	
	25								543,725	532,725	531,875	
	26								546,550	538,475	533,375	
	27									539,100	538,125	
	28									539,600	538,625	
	29									540,975	540,500	
	30									542,225	542,625	
	31									543,850		
▼	32	516,100	516,200	516,000	516,150	516,275	516,375	516,100	516,000	518,100	517,500	
Bemerkung		kompletter Arbeitsbereich (3)	kompletter Arbeitsbereich (4)	kompletter Arbeitsbereich (5)	kompletter Arbeitsbereich (6)	kompletter Arbeitsbereich (7)	kompletter Arbeitsbereich (8)	kompletter Arbeitsbereich (9)	kompletter Arbeitsbereich (10)	kompletter Arbeitsbereich (11)	kompletter Arbeitsbereich (12)	
Note		Full range (3)	Full range (4)	Full range (5)	Full range (6)	Full range (7)	Full range (8)	Full range (9)	Full range (10)	Full range (11)	Full range (12)	
Remarque		Pleine bande (3)	Pleine bande (4)	Pleine bande (5)	Pleine bande (6)	Pleine bande (7)	Pleine bande (8)	Pleine bande (9)	Pleine bande (10)	Pleine bande (11)	Pleine bande (12)	
Nota		Rango de trabajo completo (3)	Rango de trabajo completo (4)	Rango de trabajo completo (5)	Rango de trabajo completo (6)	Rango de trabajo completo (7)	Rango de trabajo completo (8)	Rango de trabajo completo (9)	Rango de trabajo completo (10)	Rango de trabajo completo (11)	Rango de trabajo completo (12)	

* ew 100 – frei wählbare Frequenzen / freely selectable frequencies / fréquences au choix / frecuencias de libre elección

** ew 300/ew 500 – frei wählbare Frequenzen / freely selectable frequencies / fréquences au choix / frecuencias de libre elección

